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I. Listing of Claims

1. (Previously Presented) A seat belt retractor for a motor vehicle seat belt

restraint system for storing seat belt webbing and having a retractor locking device

responsive to inertial loads acting on the vehicle, the retractor comprising a force

limiter to permit the restricted paying out of the seat belt webbing with the

absorption of energy, the force limiter providing a first relatively high energy

absorbing level and a second relatively low energy absorbing level, a control

mechanism operable to select between the energy absorbing levels in response to

a crash related electric signal, the control mechanism initially selecting the first

energy level upon locking of the retractor by the locking device and being responsive

to relative movement between two components of the retractor caused by an initial

belt force less than a predetermined force to permit selection of the second energy

level, and further being responsive to the relative movement between the

components of the retractor caused by an initial belt force in excess of the

predetermined force, to inhibit the effective selection of the second energy absorbing

level, thereby maintaining the first energy level.

2. Previously Cancelled.

3. Previously Cancelled.

4. (Previously Presented) A seat belt retractor according to Claim 1 wherein the

two components of the retractor are formed by a spindle within the retractor having a

first part of the spindle being adapted to be locked from rotating by the locking

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device, a second part of the spindle having the seat belt wound around it, the

second part of the spindle movable relative to the first part causing the relative

movement when the initial belt force in excess of the predetermined force is applied.

5. (Previously Presented) A seat belt retractor according to Claim 4 wherein the

second part of the spindle is connected to the first part of the spindle by means of an energy absorbing torsion bar, the energy absorbing torsion bar having two sections.

a first section being operative to provide the first relatively high energy absorbing

level and a second section being operative to provide the second relatively low

energy absorbing level.

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6. (Previously Presented) A seat belt retractor according to Claim 5 wherein the

control mechanism incorporates a locking element and an inhibiting element, the

inhibiting element engaging part of the torsion bar between the first and the second

sections thereof, the locking element initially engaging part of the inhibiting element

and the second part of the spindle to secure the inhibiting element to the second part

of the spindle, the locking element being moveable to a release position through the

control mechanism in which the locking element does not secure the inhibiting

element to the second part of the spindle.

7. (Previously Presented) A seat belt retractor according to Claim 6 wherein the

locking element is a radially moveable locking element, the locking element initially

being retained in an engaged position by means of a blocking element, the control

mechanism being configured to move the blocking element and the locking element

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to a release position in response to the crash related electric signal.

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8. (Previously Presented) A seat belt retractor according to Claim 7 wherein the

blocking element is in the form of a ring.

9. (Previously Presented) A seat belt retractor according to Claim 7 wherein the

blocking element is moveable in response to the generation of gas by a pyrotechnic

sauib.

10. (Withdrawn) A seat belt retractor according to Claim 9 wherein the

pyrotechnic squib is positioned to direct gas against the blocking member urging the

blocking element toward the relative position.

11. (Previously Presented) A seat belt retractor according to Claim 9 further

comprising a control element, the squib being positioned to direct gas to the control

element to move the control element so that the movement of the control element

moves the blocking element to the release position.

12. (Withdrawn) A seat belt retractor according to Claim 9 wherein the

pyrotechnic squib is associated with at least one first gas duct formed in the first part

of the spindle and at least one second gas duct in the second part of the spindle, the

first and second gas ducts initially being co-aligned, so that a flow of gas may flow

through both of the gas ducts to cause movement of the blocking element, the first

part of the spindle being moveable relative to the second part of the spindle in

response to the initial belt force in excess of a predetermined value, thus off-setting

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the gas flow ducts to prevent the flow of gas from moving the blocking element to the

release position.

13. (Withdrawn) A seat belt retractor according to Claim 12 wherein there are a

plurality of the first gas ducts in the first part of the spindle and a corresponding

plurality of the second gas flow ducts in the second part of the spindle.

14. (Withdrawn) A seat belt retractor according to Claim 7 wherein the blocking

element is located adjacent a stop, the blocking element in a first orientation being

moveable past the stop, the blocking element, in any other orientation from the first

orientation, not being moveable past the stop, the orientation of the blocking element

being responsive to the relative displacement between the first and second parts of

the spindle.

(Withdrawn) A seat belt retractor according to Claim 14 wherein the blocking

element is in the form of a ring, the ring being provided with at least one inwardly

directed finger, the finger being received within an axially extending groove formed

in an outer region of the second part of the spindle.

16 (Withdrawn) A seat belt retractor according to Claim 14 wherein the stop is

formed on the first part of the spindle.

17. (Withdrawn) A seat belt retractor according to Claim 14 wherein two of the

stops are provided at diametrically opposed positions, each of a predetermined

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configuration, and a ring shaped blocking element is provided with two cut outs of

shape and configuration corresponding to the stops.

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18. (Previously Presented) A seat belt retractor according to any one of Claim 4

wherein wires are provided to supply the electric signal, a part of at least a position

of the wire extending from the first part of the spindle to the second part of the

spindle, the part of the wire being configured to be broken upon the relative

movement of the second part of the spindle relative to the first part.

19 (Previously Presented) A seat belt retractor according to Claim 6 wherein the

inhibiting element is provided with a deformable portion which is configured to be

deformed in response to the relative movement of the second part of the spindle to a

first part of the spindle, the deformable part being positioned to co-operate with a

correspondingly configured part of the second part of the spindle, to engage the

deformable part with the second part of the spindle so as to inhibit effective selection

of the one of the second energy level.

20. (Withdrawn) A seat belt retractor according to Claim 19 wherein the

deformable part is in the form of a deformable finger, the finger being deformed into

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a shaped recess provided within the second part of the spindle.

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